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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/555,013	08/25/2000	Andrew Augustine Wajs	82032-00001	9099

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EXAMINER

NGUYEN, LE V

ART UNIT	PAPER NUMBER
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2174

15

DATE MAILED: 03/30/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/555,013

Applicant(s)

WAJS, ANDREW AUGUSTINE

Examiner

Le Nguyen

Art Unit

2174

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 1/12/04.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-9 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-9 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### DETAILED ACTION

1. This communication is responsive to Amendment C, filed 11/24/03.
2. Claims 1-3 and 5-9 are pending in this application. Claim 1 is an independent claim; and, claim 1 has been amended.
3. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

#### ***Claim Rejections - 35 USC § 102***

4. Claims 1, 5, 8 and 9 are rejected under 35 U.S.C. 102(e) as being anticipated by Nandikonda et al. ("Nandikonda", US 6,314,111 B1).

As per claim 1, Nandikonda teaches a system for controlling a tuning means for receiving broadcasted signals, comprising a microcomputer, and means to connect the system to the Internet and means to connect the system to a broadcast signal source (figs. 1a-2b), the microcomputer being adapted to process IP signals and to display Web pages including URLs (col. 7, lines 62-63), wherein the microcomputer is adapted to obtain broadcast service information from the Internet, characterized in that a number of URLs for broadcast services are defined as URLs (col. 7, lines 1-63), wherein the system comprises a memory for storing tuning information for a number of broadcast services (*it is inherent that the information/data is read from memory for the CPU to access the data*), and means for selecting a URL, the microcomputer being adapted to retrieve tuning information from the memory by means of a selected URL (figs. 2a-2b), wherein the microcomputer is adapted to use the retrieved tuning

information for controlling the tuning means to receive broadcast signals from the corresponding broadcast service, by tuning to a specific transport stream being transmitted from the broadcast signal source (figs. 2a-2b; e.g. ".nokia. ").

As per claims 5 and 8, Nandikonda teaches a system comprising means for downloading a tuning table from an external source, the Internet (fig. 2a; *service\_provider\_name (Service Description Table) - information needed to tune into the service via the Internet*).

As per claim 9, Nandikonda teaches a system comprising means for downloading a tuning table from a broadcast service provider (col. 7, lines 1-27; fig. 2a)

### ***Claim Rejections - 35 USC § 103***

5. Claims 2 and 3 are rejected under 35 U.S.C. 103(a) as being unpatentable over Nandikonda et al. ("Nandikonda", US 6,314,111 B1).

As per claim 2, although Nandikonda teaches a system wherein the microcomputer is adapted to retrieve tuning information from the memory by means of a selected URL (figs. 2a-2b), Nandikonda does not explicitly disclose a system wherein the microcomputer is adapted to translate the selected URL into an address which is used to access the memory for retrieving the tuning information of the corresponding broadcast service. Official Notice is taken that mapping or translating a URL into an address to access the memory for retrieving information such as tuning information of a corresponding broadcast service is well known in the art. Therefore, it would have been obvious to an artisan at the time of the invention to include mapping a virtual address to a physical address to Nandikonda's system wherein the microcomputer is adapted to

Art Unit: 2174

retrieve tuning information from the memory by means of a selected URL in order to translate one value into another.

As per claim 3, Nandikonda teaches a system wherein inherently in a computer network, the selected URL provides an IP address which is placed in an IP stack, wherein the IP address is translated in a MAC address, the MAC address being used to access the memory so that a computer knows which computer to go to.

6. Claim 6 is rejected under 35 U.S.C. 103(a) as being unpatentable over Nandikonda et al. ("Nandikonda", US 6,314,111 B1).

As per claim 6, although Nandikonda teaches a system comprising means for selecting a plurality of HTML pages (col. 7, lines 62-63), Nandikonda does not explicitly disclose caching the selected HTML pages. Official Notice is taken that caching HTML pages, such as caching HTML Web pages via a Web browser, is well known in the art. Therefore, it would have been obvious to an artisan at the time of the invention to include caching selected HTML pages to Nandikonda's selection a plurality of HTML pages so that users may quickly access the HTML pages.

7. Claim 7 is rejected under 35 U.S.C. 103(a) as being unpatentable over Nandikonda et al. ("Nandikonda", US 6,314,111 B1) in view of Byrn al. ("Byrn", US 5,990,883).

As per claim 7, although Nandikonda teaches a system comprising means for selecting HTML pages including URL's for broadcast services, Nandikonda does not explicitly disclose the HTML pages to include an EPG with URL's for broadcast services. Byrn teaches a system comprising a means for selecting HTML pages including an EPG with URL's for broadcast services (col. 5, lines 24-58). Therefore, it would have been obvious to an artisan at the time of

Art Unit: 2174

the invention to include Byrn's system comprising a means for selecting HTML pages including an EPG with URL's for broadcast services to Nandikonda's system comprising means for selecting HTML pages including URL's for broadcast services in order to allow a user to interactively locate specific content.

***Response to Arguments***

5. Applicant's arguments with respect to claim 1 have been considered but are moot in view of the new ground(s) of rejection.

***Inquires***

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lê Nguyen whose telephone number is (703) 305-7601. The examiner can normally be reached on Monday - Friday from 8:00 am to 5:00 pm (EST).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine Kincaid, can be reached on (703) 308-0640.

The fax numbers for the organization where this application or proceeding is assigned are as follows:

(703) 746-7238 [After Final Communication]

(703) 746-7239 [Official Communication]

(703) 746-7240 [For status inquiries, Draft Communication]

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

Lê Nguyen  
Patent Examiner  
March 19, 2004

*Kristine Kincaid*  
KRISTINE KINCAID  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100